

Amendments to the Claims:

This listing of claims will replace all prior versions and listing of claims in the application.

Listing of Claims:

1.-14. (Canceled)

15. (Currently Amended) A computer system comprising:

a storage system having a plurality of logical units defined and having ~~one of~~
~~said a management logical unit units~~ as a command device dedicated for coupling
control for controlling coupling between the plurality of logical units;

a first host computer adapter of a host computer that can access a first group
of first logical units of said plurality of logical units and that cannot access a second
group of second logical units of said plurality of logical units;

a second host computer adapter than can access said second group of logical
units, but that cannot access said first group of logical units;

wherein said management logical unit is used to couple one of said logical
units with another one of said logical units in response to an instruction received from
one of said host computer adapters.

a wherein said first host computer adapter that manages one or more can
command coupling of first two logical units in said first group of said plurality of

logical units by using said management logical unit, and ~~that does not manage~~
~~cannot command coupling of one or more two logical units in said second group~~
~~logical units of said plurality of logical units;~~

wherein the second host computer adapter can command the coupling of two
logical units in said second group of logical units by using said management logical
unit, but cannot command the coupling of two logical units in said first group of
logical units; and

an application included on said host for ~~controlling~~ issuing the instruction for
coupling operations ~~of among~~ said first plurality of logical units, said application
capable of issuing the instructions for the coupling operations to said ~~command~~
~~device~~ management logical unit;

wherein the storage system adds extended logical unit numbers used in
coupling to a response of an inquiry command from said host to a specified logical
unit, each said extended logical unit number including

- a connection port,
- a target ID, and
- a logical unit number;

whereby the application obtains a list of extended logical unit numbers
corresponding to ~~said first logical units managed~~ accessible by the host out of said
plurality of logical units;

wherein the application rejects a request of a coupling operation directed to
logical units other than said ~~first~~ logical units corresponding to the extended logical

unit numbers on the list, thereby inhibiting coupling operations directed to any logical units not ~~managed~~ accessible by the host.

16. (Currently Amended) The computer system of claim 15 wherein
said coupling operations are for copying ~~said first~~ logical units.

17. (Currently Amended) The computer system of claim 15 wherein
the ~~command device~~ management logical unit is shared between a plurality of
ports.

18. (Currently Amended) The computer system of claim 15 wherein
said host is capable of issuing ~~a command~~ the instruction for the coupling
operation only via the application.

19. (Currently Amended) The computer system of claim 18 wherein
the ~~command of~~ instruction for the coupling operation is written into the
~~command device~~ management logical unit as data, and
the storage system processes the data written into the ~~command device~~
management logical unit for performing the coupling operation.

20. (Currently Amended) A method for controlling coupling operations of logical
units, wherein a storage system includes a plurality of logical units and further

includes a management logical unit as a command device which is a dedicated logical unit for controlling coupling between the plurality of logical units, wherein a host computer ~~manages~~ is able to issue instructions for coupling to one or more first logical units of said plurality of logical units through said command device, and ~~does not manage~~ able to issue instructions for coupling to one or more second logical units of said plurality of logical units, said host including an application for controlling coupling operations of said first logical units, said application controlling the issuance of ~~commands~~ the instructions for coupling operations to said command device from said host, said method comprising:

adding, by the storage system, extended logical unit numbers used in coupling to a response of an inquiry command from said host to a specified logical unit, each said extended logical unit number including a connection port, a target ID, and a logical unit number;

obtaining, by the application, a list of extended logical unit numbers corresponding to said first logical units ~~managed~~ accessible by the host;

rejecting, by the application, a request of a coupling operation by the host directed to logical units other than the first logical units corresponding to the extended logical unit numbers on the list, thereby inhibiting coupling operations directed to any logical units not ~~managed~~ accessible by the host.

21. (Currently Amended) The method of claim 20 further including the steps of

issuing ~~a command of~~ the instructions for a coupling operation by the host for directing coupling of one of the first logical units to another of the first logical units; and

receiving by the command device the ~~command~~ instructions issued from the host as data stored to the command device.

22 (Currently Amended) The method of claim 21 further including the step of issuing the ~~command~~ instructions for coupling only via the application.

23. (Currently Amended) The method of claim 21 further including the step of coupling, by the storage system, ~~at least one of~~ said first logical units according to ~~the command~~ the instructions received by the command device.

24. (Currently Amended) A computer system comprising:

a storage system having a plurality of logical units virtually defined and having a management logical unit as a command device that is a logical unit dedicated for coupling control for controlling coupling between logical units of said plurality of logical units, said command device being capable of receiving ~~a command~~ instructions for ~~of~~ a coupling operation written into the command device as data;

a host computer that ~~manages~~ is able to access one or more first logical units of said plurality of logical units, and that ~~does not manage~~ is not able to access one or more second logical units of said plurality of logical units; and

an application included on said host for controlling coupling operations of said first logical units, said application issuing the instructions for coupling operations to said command device;

wherein the storage system adds extended logical unit information used in coupling to a response of an inquiry command from said host to a specified logical unit,

whereby the application obtains a list of extended logical unit information corresponding to said first logical units ~~managed~~ accessible by the host,

wherein the application rejects a request of a coupling operation from the host directed to logical units other than said first logical units corresponding to the extended logical unit information on the list, thereby inhibiting coupling operations directed to any logical units not ~~managed~~ accessible by the host,

wherein the application writes the ~~command of~~ instructions for the coupling operation to the command device if the ~~command is~~ instructions are directed to ~~one of~~ said first logical units corresponding to the extended logical unit information on the list,

wherein the storage system processes the coupling operation in accordance with the ~~command~~ instructions written to the command device for coupling one of the first logical units to another one of the first logical units.

25. (Previously Presented) The computer system of claim 24 wherein

said coupling operation is for copying said first logical units.

26. (Previously Presented) The computer system of claim 24 wherein
the command device is shared between a plurality of ports.

27. (Currently Amended) The computer system of claim 24 wherein
said host is capable of issuing the ~~command~~ instructions for the coupling
operation only via the application.

28. (Currently Amended) The computer system of claim 24 wherein
the command device is a shared logical-device unit used exclusively for
communication with the host computer for controlling coupling operations between
logical units.

29. (Previously Presented) The computer system of claim 24 wherein
said extended logical unit information includes
a connection port,
a target ID, and
a logical unit number.